

## ABSTRACT

An FDD system speech signal transmitted from a mobile station (MS) 201 which is a communication terminal is received by a base station (BS) 202 and undergoes predetermined processing, and the obtained received data is sent to a mobile switching center (MSC) 204 via a radio network controller 203. In the MSC, data from a number of base stations is bundled and sent to a telephone network 207. On the other hand, a TDD system high-speed packet transmitted from the mobile station (MS) 201 is received by a base station (BS) 205 and undergoes predetermined processing, and the obtained received data is routed by a router 206 and sent to an IP (Internet Protocol) packet network 208.